SEQUENCE LISTING

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<120> COMPOUNDS AND METHODS FOR CANCER THERAPY

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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Occludin cell adhesion recognition sequence

<400> 1
Leu Tyr His Tyr
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<210> 2
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulating agent

<400> 2
Gln Tyr Leu Tyr His Tyr Cys Val Val Asp
1 5 10

<210> 3
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulating agent

<220>
<223> Cyclic peptide

<400> 3
Cys Leu Tyr His Tyr Cys
1 5

<210> 4
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: N-cadherin cell adhesion recognition sequence

<400> 4
Phe His Leu Arg Ala His Ala Val Asp Ile Asn Gly Asn Gln Val
1 5 10 15

<210> 5
<211> 48
<212> PRT
<213> Homo sapiens

<400> 5
Gly Val Asn Pro Thr Ala Gln Ser Ser Gly Ser Leu Tyr Gly Ser Gln
1 5 10 15

Ile Tyr Ala Leu Cys Asn Gln Phe Tyr Thr Pro Ala Ala Thr Gly Leu
20 25 30

Tyr Val Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
35 40 45

<210> 6
<211> 48
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<213> Mus musculus

<400> 6
Gly Val Asn Pro Thr Ala Gln Ala Ser Gly Ser Met Tyr Gly Ser Gln
1 5 10 15

Ile Tyr Met Ile Cys Asn Gln Phe Tyr Thr Pro Gly Gly Thr Gly Leu
20 25 30

Tyr Val Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
35 40 45

<210> 7
<211> 48
<212> PRT
<213> Canis sp.

<400> 7
Gly Val Asn Pro Thr Ala Gln Ala Ser Gly Ser Leu Tyr Ser Ser Gln
1 5 10 15

Ile Tyr Ala Met Cys Asn Gln Phe Tyr Ala Ser Thr Ala Thr Gly Leu
20 25 30

Tyr Met Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp Pro Gln Glu
35 40 45

<210> 8
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<213> dipodomys sp.

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Gly Val Asn Pro Arg Ala Gly Leu Gly Ala Ser Ser Gly Ser Leu Tyr
1 5 10 15

Tyr Asn Gln Met Leu Met Leu Cys Asn Gln Met Met Ser Pro Val Ala
20 25 30

Gly Gly Ile Met Asn Gln Tyr Leu Tyr His Tyr Cys Met Val Asp Pro
35 40 45

Gln Glu
50

<210> 9
<211> 8
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<220>
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Representative occludin cell adhesion recognition
sequence

<400> 9
Leu Tyr His Tyr Leu Tyr His Tyr

1 5

<210> 10
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Representative occludin cell adhesion recognition sequence

<400> 10
Gln Leu Tyr His Tyr Gln Leu Tyr His Tyr Gln Leu Tyr His Tyr
1 5 10 15

<210> 11
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion recognition sequence bound by N-cell adhesion molecules

<400> 11
Lys Tyr Ser Phe Asn Tyr Asp Gly Ser Glu
1 5 10

<210> 12
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<400> 12
Tyr Leu Tyr His Tyr Cys Val Val Asp
1 5

<210> 13
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<400> 13
Leu Tyr His Tyr Cys Val Val Asp
1 5

<210> 14
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<400> 14
Gln Tyr Leu Tyr His Tyr Cys
1 5

<210> 15
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

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Tyr Leu Tyr His Tyr Cys
1 5

<210> 16
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<400> 16
Leu Tyr His Tyr Cys
1 5

<210> 17
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion

modulation agent

<400> 17
Gln Tyr Leu Tyr His Tyr
1 5

<210> 18
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<400> 18
Tyr Leu Tyr His Tyr
1 5

<210> 19
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

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Cys Asp Gly Tyr Pro Lys Asp Cys Lys Gly
1 5 10

<210> 20
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<220>
<223> Cyclic Peptide

<400> 20
Cys Asp Gly Tyr Pro Lys Asp Cys Lys Gly
1 5 10

<210> 21
<211> 10
<212> PRT

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<400> 21
Cys Gly Asn Leu Ser Thr Cys Met Leu Gly
1 5 10

<210> 22
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic Peptide

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Cys Gly Asn Leu Ser Thr Cys Met Leu Gly
1 5 10

<210> 23
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<212> PRT
<213> Artificial Sequence

<220>
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modulation agent

<400> 23
Cys Tyr Ile Gln Asn Cys Pro Leu Gly
1 5

<210> 24
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<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 24

Cys Tyr Ile Gln Asn Cys Pro Leu Gly
1 5

<210> 25
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<212> PRT
<213> Artificial Sequence

<220>
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<220>
<223> Cyclic peptide

<400> 25
Cys Leu Tyr His Tyr Cys
1 5

<210> 26
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<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<220>
<223> Cyclic peptide

<400> 26
Cys Leu Tyr His Tyr Cys
1 5

<210> 27
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<220>
<223> Cyclic peptide

<400> 27
Cys Gln Tyr Leu Tyr His Tyr Cys
1 5

<210> 28
<211> 8
<212> PRT
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<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 28
Cys Gln Tyr Leu Tyr His Tyr Cys
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<210> 29
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 29
Cys Tyr Leu Tyr His Tyr Cys
1 5

<210> 30
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 30
Cys Tyr Leu Tyr His Tyr Cys
1 5

<210> 31
<211> 6
<212> PRT
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<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<220>
<221> MOD_RES
<222> (6)
<223> Where Xaa is beta,beta-dimethylcysteine

<400> 31
Cys Leu Tyr His Tyr Xaa
1 5

<210> 32
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic Peptide

<220>
<221> MOD_RES
<222> (1)
<223> Where Xaa is beta,beta-tetramethylene cysteine

<400> 32
Xaa Leu Tyr His Tyr Cys
1 5

<210> 33
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<220>
<221> MOD_RES
<222> (1)

<223> beta,beta-pentamethylene cysteine

<400> 33
Xaa Leu Tyr His Tyr Cys
1 5

<210> 34
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<220>
<223> Cyclic peptide

<220>
<221> MOD_RES
<222> (1)
<223> Where Xaa is beta-mercaptopropionic acid

<400> 34
Xaa Leu Tyr His Tyr Cys
1 5

<210> 35
<211> 6
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion modulation agent

<220>
<223> Cyclic peptide

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<221> MOD_RES
<222> (1)
<223> beta,beta-pentamethylene-beta-mercaptopropionic acid

<400> 35
Xaa Leu Tyr His Tyr Cys
1 5

<210> 36
<211> 6
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<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
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<400> 36
Lys Leu Tyr His Tyr Asp
1 5

<210> 37
<211> 8
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 37
Lys Gln Tyr Leu Tyr His Tyr Asp
1 5

<210> 38
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Cell adhesion
modulation agent

<220>
<223> Cyclic peptide

<400> 38
Trp Gly Gly Trp
1

<210> 39
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: E-cadherin

cell adhesion recognition sequence

<400> 39
Leu Phe Ser His Ala Val Ser Ser Asn Gly
1 5 10

<210> 40
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence: Cell adhesion modulating agent

<220>
<223> Cyclic peptide

<400> 40
Cys Tyr Leu Tyr His Tyr Cys
1 5

<210> 41
<211> 8
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<220>
<223> Description of Artificial Sequence: Cell adhesion modulating agent

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<223> Cyclic peptide

<400> 41
Cys Gln Tyr Leu Tyr His Tyr Cys
1 5

<210> 42
<211> 8
<212> PRT
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<220>
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<220>
<223> Cyclic Peptide

<400> 42
Lys Gln Tyr Leu Tyr His Tyr Asp

1 5

<210> 43
<211> 5
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<220>
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<220>
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<400> 43
Tyr Leu Tyr His Tyr
1 5

<210> 44
<211> 6
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<220>
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<400> 44
Gln Tyr Leu Tyr His Tyr
1 5

<210> 45
<211> 6
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<220>
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<400> 45
Lys Leu Tyr His Tyr Asp
1 5

<210> 46

<211> 51
<212> PRT
<213> Homo sapiens

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<221> MOD_RES
<222> (8)
<223> Where Xaa is any amino acid residue

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<223> Where Xaa is any amino acid residue

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<222> (22)..(23)
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<400> 46
Gly Val Asn Pro Thr Ala Gln Xaa Gly Ala Ser Ser Gly Ser Leu Tyr
1 5 10 15

Xaa Ser Gln Ile Tyr Xaa Xaa Cys Asn Gln Phe Tyr Xaa Pro Xaa Ala
20 25 30

Thr Gly Leu Tyr Xaa Asp Gln Tyr Leu Tyr His Tyr Cys Val Val Asp
35 40 45

Pro Gln Glu
50

<210> 47
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Claudin cell

adhesion recognition sequence

<220>
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<222> (2)
<223> Where Xaa is either Lysine or Arginine

<220>
<221> MOD_RES
<222> (3)
<223> Where Xaa is an independently selected amino acid residue

<220>
<221> MOD_RES
<222> (4)
<223> Where Xaa is an independently selected amino acid residue

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<221> MOD_RES
<222> (5)
<223> Where Xaa is either Serine or Arginine

<220>
<221> MOD_RES
<222> (6)
<223> Where Xaa is either tyrosine or phenylalanine

<220>
<221> MOD_RES
<222> (7)
<223> Where Xaa is an independently selected amino acid residue

<400> 47
Trp Xaa Xaa Xaa Xaa Xaa Xaa Gly
1 5

<210> 48
<211> 9
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Non-classical cell adhesion recognition sequence

<220>
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<222> (1)
<223> Where Xaa is an independently selected amino acid residue

<220>
<221> MOD_RES
<222> (3)
<223> Where Xaa is an independently selected amino acid residue

<220>
<221> MOD_RES
<222> (4)
<223> Where Xaa is isoleucine, leucine or valine

<220>
<221> MOD_RES
<222> (5)
<223> Where Xaa is aspartic acid, asparigine or glutamic acid

<220>
<221> MOD_RES
<222> (6)
<223> Where Xaa is an independently selected amino acid residue

<220>
<221> MOD_RES
<222> (7)
<223> Where Xaa is and idependently selected amino acid residue

<220>
<221> MOD_RES
<222> (8)
<223> Where Xaa is serine, threonin or asparigine

<400> 48
Xaa Phe Xaa Xaa Xaa Xaa Xaa Xaa Gly
1 5

<210> 49
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Representative claudin cell adhesion recognition sequence

<400> 49
Ile Tyr Ser Tyr
1

<210> 50

<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Representative claudin cell adhesion recognition sequence

<400> 50
Thr Ser Ser Tyr
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<210> 51
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Representative claudin cell adhesion recognition sequence

<400> 51
Val Thr Ala Phe
1

<210> 52
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Representative claudin cell adhesion recognition sequence

<400> 52
Val Ser Ala Phe
1